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Rexahn Receives Notice of Allowance for U.S. Patent Covering RX-3117 Use in a Broad Range of Tumor Types

Broadens Patent Protection for RX-3117 to 2036

ROCKVILLE, Md., Feb. 04, 2019 (GLOBE NEWSWIRE) -- Rexahn Pharmaceuticals, Inc. (NYSE American: RNN), a clinical-stage biopharmaceutical company developing innovative therapies to improve patient outcomes in cancers that are difficult to treat, announced that the U.S. Patent and Trademark Office has issued a Notice of Allowance for U.S. Patent Application No. 15/683,408, "Fluorocyclopentenylcytosine Methods of Use." The patent application covers the use of RX-3117 in a broad range of tumor types that over-express UCK2, the enzyme that activates RX-3117. The company expects the patent to be issued within a few months from the notice of allowance and provide protection to 2036.

Douglas J. Swirsky, chief executive officer of Rexahn, stated, "This patent will significantly enhance the intellectual property portfolio covering RX-3117. Once the patent is issued, we will have additional protection covering the use of RX-3117 in a broad range of tumor types including colorectal, lung, ovarian, breast and liver cancers, in addition to the coverage for pancreatic and bladder cancers. Rexahn has issued patents that cover the composition of matter of RX-3117, manufacturing processes, dosage regimens, pharmacokinetics and use in combination with other anticancer drugs."

About RX-3117

RX-3117 is a novel, investigational, oral, small molecule nucleoside compound. Once intracellularly activated (phosphorylated) by uridine cytidine kinase 2 (UCK2), it is incorporated into the DNA or RNA of cells and inhibits both DNA and RNA synthesis, which induces apoptotic death of tumor cells. Due to the high level of overexpression of UCK2 in cancer cells, RX-3117 offers the potential for a targeted anti-cancer therapy with an improved efficacy and safety profile. RX-3117 is currently being studied in a Phase 2a clinical trial in combination with Abraxane® (nab-paclitaxel) in first line metastatic pancreatic cancer patients and a Phase 2a clinical trial in patients with advanced or metastatic bladder cancer. It has received Orphan Drug designation for the treatment of pancreatic cancer. Additional information on RX-3117 can be found at: <https://rexahn.com/cms/portfolio/rx-3117/>.

ABRAXANE® is a registered trademark of Celgene Corporation.

About Rexahn Pharmaceuticals, Inc.

Rexahn Pharmaceuticals Inc. (NYSE American: RNN) is a clinical stage biopharmaceutical

company developing innovative therapies to improve patient outcomes in cancers that are difficult to treat. The Company's mission is to improve the lives of cancer patients by developing next-generation cancer therapies that are designed to maximize efficacy while minimizing the toxicity and side effects traditionally associated with cancer treatment. Rexahn's product candidates work by targeting and neutralizing specific proteins believed to be involved in the complex biological cascade that leads to cancer cell growth. Preclinical studies show that several of Rexahn's product candidates may be effective against multiple types of cancer, including drug resistant cancers, and difficult-to-treat cancers and others may augment the effectiveness of current FDA-approved cancer treatments. The Company has two oncology product candidates, RX-3117 and RX-5902, in Phase 2 clinical development and additional compounds in preclinical development, including RX-0301. For more information about the Company and its oncology programs, please visit www.rexahn.com.

Safe Harbor

To the extent any statements made in this press release deal with information that is not historical, these are forward-looking statements under the Private Securities Litigation Reform Act of 1995. Such statements include, but are not limited to, statements about Rexahn's plans, objectives, expectations and intentions with respect to the ongoing Phase 2a clinical trial of RX-3117 in combination with ABRAXANE[®], future operations and products, the path of clinical trials and development activities, and other statements identified by words such as "will," "potential," "could," "can," "believe," "intends," "continue," "plans," "expects," "anticipates," "estimates," "may," other words of similar meaning or the use of future dates. Forward-looking statements by their nature address matters that are, to different degrees, uncertain. Uncertainties and risks may cause Rexahn's actual results to be materially different than those expressed in or implied by Rexahn's forward-looking statements. For Rexahn, particular uncertainties and risks include, among others, understandings and beliefs regarding the role of certain biological mechanisms and processes in cancer; drug candidates being in early stages of development, including clinical development; the ability to initially develop drug candidates for orphan indications to reduce the time-to-market and take advantage of certain incentives provided by the U.S. Food and Drug Administration; the ability to transition from our initial focus on developing drug candidates for orphan indications to candidates for more highly prevalent indications; and the expecting timing of results from our clinical trials. More detailed information on these and additional factors that could affect Rexahn's actual results are described in Rexahn's filings with the Securities and Exchange Commission, including its most recent annual report on Form 10-K and subsequent quarterly reports on Form 10-Q. All forward-looking statements in this news release speak only as of the date of this news release. Rexahn undertakes no obligation to update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

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